

Title (en)
REDUCING RESOURCES IN A HIGH RELIABILITY DATA STORAGE SUBSYSTEM

Publication
EP 0351109 A3 19910814 (EN)

Application
EP 89306654 A 19890630

Priority
US 21745188 A 19880711

Abstract (en)
[origin: EP0351109A2] To improve data reliability in a computer system, at least one primary copy and one secondary duplicate copy of data are stored each in a different storage devices having similar access characteristics. Periodically, a copy of the data is logged into an archival device. The secondary copy is then removed from the storage devices. The space occupied by the removed secondary copy is reallocated to store other data.

IPC 1-7
G06F 11/00

IPC 8 full level
G06F 12/08 (2006.01); **G06F 3/06** (2006.01); **G06F 11/14** (2006.01); **G06F 11/20** (2006.01); **G06F 12/16** (2006.01); **G11C 29/00** (2006.01); **G06F 11/08** (2006.01)

CPC (source: EP KR)
G06F 11/1456 (2013.01 - EP); **G06F 11/1466** (2013.01 - EP); **G06F 11/1471** (2013.01 - EP); **G06F 11/2087** (2013.01 - EP); **G06F 12/16** (2013.01 - KR); **G11C 29/74** (2013.01 - EP); **G06F 11/08** (2013.01 - EP)

Citation (search report)
• [A] EP 0096199 A2 19831221 - IBM [US]
• [A] SIEMENS POWER ENGINEERING. vol. 5, no. 5, September 1983, BERLIN DE pages 266 - 270; M. SWIECZKOWSKI: 'Data Security in the DVS 300 Data Management System '
• [A] PROCEEDINGS OF THE 21ST IEEE COMPUTER SOCIETY INTERNATIONAL CONFERENCE, FALL COMPCON 80 September 23, 1980, WASHINGTON, D.C., US pages 101 - 107; T.M. RYAN: 'Backup and Recovery for Distributed Interactive Computer Systems '

Cited by
EP1266292A4; EP0460934A3; GB2405495A; GB2405495B; US9448871B2; US9600203B2; WO9101026A3; WO9423367A1; WO0142922A1; US9720620B1; US9983825B2; US8099394B2

Designated contracting state (EPC)
AT CH DE ES FR GB IT LI NL

DOCDB simple family (publication)
EP 0351109 A2 19900117; EP 0351109 A3 19910814; AU 3715289 A 19900111; AU 626883 B2 19920813; CA 1324840 C 19931130; DK 340789 A 19900112; DK 340789 D0 19890710; JP H02155055 A 19900614; KR 900002189 A 19900228; NZ 229740 A 19911126

DOCDB simple family (application)
EP 89306654 A 19890630; AU 3715289 A 19890628; CA 605265 A 19890710; DK 340789 A 19890710; JP 17888889 A 19890711; KR 890009812 A 19890710; NZ 22974089 A 19890627